|  |  |                              |             |           |           |                 |          |             |                 | 10/610,953 |               |          |          |                |          |          |            |          |           | PARK ET AL. |           |         |           |           |              |   |  |
|--|--|------------------------------|-------------|-----------|-----------|-----------------|----------|-------------|-----------------|------------|---------------|----------|----------|----------------|----------|----------|------------|----------|-----------|-------------|-----------|---------|-----------|-----------|--------------|---|--|
|  |  |                              |             |           |           |                 |          |             |                 | Examiner   |               |          |          |                |          |          |            |          |           | Art Unit    |           |         |           |           |              |   |  |
|  |  |                              |             |           |           |                 |          |             | Tan T. Nguyen   |            |               |          |          |                |          |          |            |          | 2818      |             |           |         |           |           |              |   |  |
|  |  | <b></b>                      | Rejected    | al)       |           |                 |          | Non-Elected |                 |            |               |          | Appeal   |                |          |          |            |          |           |             |           |         |           |           |              |   |  |
|  |  |                              |             |           | Cancelled |                 |          |             |                 | $\dashv$   | N             | N        |          |                |          |          |            | Α        |           |             |           |         |           | $\dashv$  |              |   |  |
|  |  | =                            | Allowed     | ÷         |           | Re              |          |             | I Interference  |            |               |          |          |                |          | 0        | Objected   |          |           |             |           |         |           |           |              |   |  |
|  | Claim  |                              | Date        |           | Claim     |                 |          | I E         | Dat             | e<br>I     |               |          |          |                | Cla      |          |            | _        | Date      |             |           |         |           |           |              |   |  |
|  | Final<br>Original                                      | 10/5/04                      |             |           |           | Final           | Original |             |                 |            |               |          |          |                |          | Final    | Original   |          |           |             |           |         |           |           |              |   |  |
|  | ٥  |                              |             |           |           |                 |          |             |                 |            |               |          |          |                |          | ۲        |            |          |           |             |           |         |           |           |              |   |  |
|  | 1 1 2 2  | ==                           |             |           | 4         |                 | 51<br>52 |             | -               | +          | ├-            | ╁        |          |                | -        |          | 101<br>102 | $\dashv$ | 4         | +           | +         | -       | +         | 4         | -            |   |  |
|  | 3 3  | H                            |             | $\top$    | $\dashv$  |                 | 53       |             | $\vdash$        | +          | $\vdash$      | +        |          | Н              | -        | $\neg$   | 103        | $\dashv$ | $\dashv$  | +           | +         | +       | $\dagger$ | +         |              |   |  |
|  | 4 4  | П                            |             |           |           |                 | 54       |             |                 |            |               |          |          |                |          |          | 104        |          | 1         |             |           |         |           |           |              |   |  |
|  | 5 5<br>6 6   | ₩                            |             | -+        |           |                 | 55<br>56 |             | $\vdash$        |            | ┝             | ╁        |          | Н              | -        | _        | 105<br>106 | $\dashv$ | +         | +           | +         | -       | ╀         |           |              |   |  |
|  | $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | ${\dagger}{\dagger}$         |             | 1         |           |                 | 57       |             | $\vdash$        | +          | $\vdash$      | +        |          | Н              | -        |          | 107        | $\dashv$ | $\dashv$  | +           | +         | +       | 十         | +-        | <del> </del> |   |  |
|  | 8 8  |                              |             |           |           |                 | 58       |             |                 |            |               |          |          |                |          |          | 108        |          |           |             | $\top$    |         | T         |           |              |   |  |
|  | 9 9  | 1                            | <del></del> | _         |           |                 | 59<br>60 | $\dashv$    | $\vdash$        | -          | -             | -        |          | Ш              | -        |          | 109<br>110 | $\dashv$ | 4         |             | +         |         | +         | -         |              |   |  |
|  | 10 10  | ==                           |             |           | -         |                 | 61       | +           | $\vdash$        | +          | ┝             | ╁        |          | $\vdash$       | ŀ        |          | 111        | -        |           |             | ╁         | +-      | +-        | +         |              |   |  |
|  | 12   |                              |             |           |           |                 | 62       |             |                 |            |               |          |          |                | t        |          | 112        |          | $\Box$    |             | $\top$    | $\top$  | 1         |           |              |   |  |
|  | 13   |                              |             |           |           |                 | 63       |             |                 | _          |               | 1        |          |                |          |          | 113        |          |           |             |           | 1       | $\perp$   |           | ļ            |   |  |
|  | 14<br>15   | $\vdash$                     |             |           |           | <u> </u>        | 64<br>65 | +           |                 |            | ┢             | +        |          | Н              | +        |          | 114<br>115 | $\dashv$ | +         | +           | +         | +       | +         | ╆         |              |   |  |
|  | 16   |                              |             | _         |           |                 | 66       | +           | H               | +          | H             | T        |          | Н              | r        |          | 116        | -        | $\dashv$  | _           | +         | +       | $\dagger$ | +         | $\vdash$     |   |  |
|  | 17   |                              |             |           |           |                 | 67       |             |                 |            |               |          |          |                |          |          | 117        | $\Box$   |           |             | T         | T       |           |           |              |   |  |
|  | 18<br>19   | 1                            |             |           | _         |                 | 68<br>69 | -           | $\vdash$        | +          | $\vdash$      | +        |          |                | -        | -        | 118<br>119 | $\dashv$ | +         | +           | +         | +       | +         | +         |              |   |  |
|  | 20   | $\vdash$                     |             | -         |           |                 | 70       | +           | $\vdash$        | +          | $\vdash$      | +        |          | Н              | $\vdash$ |          | 120        | $\dashv$ | +         | +           | +         | +       | +         | +         | $\vdash$     |   |  |
|  | 21   |                              |             |           |           |                 | 71       |             |                 |            |               |          |          |                |          |          | 121        |          |           |             |           |         |           |           |              |   |  |
|  | 22   | Ш                            |             | _         | _         |                 | 72       | +           |                 |            | $\vdash$      | 1        |          |                | -        |          | 122        | $\sqcup$ | 4         |             | $\bot$    | _       | $\perp$   |           | <u> </u>     |   |  |
|  | 23   |                              |             | -         | _         | $\vdash$        | 73<br>74 | +           | $\vdash$        |            | ┝             | ┼        | -        |                | -        |          | 123<br>124 | $\dashv$ | +         |             | +         |         | ╁         | -         | ļ            |   |  |
|  | 25   |                              |             | _         | _         | H               | 75       | +           |                 |            | T             | $\vdash$ | $\vdash$ | П              | F        |          | 125        | $\Box$   | $\forall$ | +           | $\dagger$ | T       | $\dagger$ | +         |              |   |  |
|  | 26   |                              |             |           | ]         |                 | 76       |             |                 |            |               |          |          |                |          |          | 126        |          |           |             |           |         |           |           |              | İ |  |
|  | 27   | Н                            |             |           | -         |                 | 77<br>78 | -           |                 | -          |               | $\perp$  |          | $\blacksquare$ | F        |          | 127<br>128 | $\perp$  | +         | -           | +         | $\perp$ | +         | 1         | $\vdash$     | 1 |  |
|  | 29   |                              |             | $\dashv$  | $\dashv$  |                 | 79       | $\dashv$    |                 | +          | <del> -</del> | -        |          | $\dashv$       | -        |          | 129        |          | +         |             | +         | +       | ╁         | +-        | -            | 1 |  |
|  | 30   |                              |             |           |           |                 | 80       |             |                 |            |               |          |          |                |          |          | 130        |          |           |             |           |         |           |           |              | I |  |
|  | 31   |                              |             | 4         | 4         |                 | 81       | _           |                 | $\bot$     |               |          |          | Ш              | -        | _        | 131<br>132 |          | _         | +           | +         | $\bot$  | +         | $\bot$    | $\vdash$     | 1 |  |
|  | 32   |                              |             | -+        | $\dashv$  |                 | 82<br>83 |             |                 | +          |               |          |          | Н              | F        | _        | 133        |          | +         | +           | +         | +       | +         | +         | $\vdash$     | I |  |
|  | 34   |                              |             | $\Box$    |           | :               | 84       |             |                 |            |               |          |          |                | E        |          | 134        |          | 1         |             | +         |         |           |           |              | 1 |  |
|  | 35   |                              |             |           | _         |                 | 85       |             |                 | $\perp$    |               |          |          | Ц              |          |          | 135        |          | 4         | $\perp$     | 4         | $\perp$ | +         | 4         |              | 1 |  |
|  | 36<br>37   |                              |             |           |           |                 | 86<br>87 |             | +               | +-         |               | $\vdash$ |          | Н              | ⊦        |          | 136<br>137 |          | +         | +           | +         | +       | +         |           | -            | I |  |
|  | 38   | $\vdash$                     |             | $\dashv$  | $\dashv$  | $\square$       | 88       |             | $\forall$       | +          |               | $\vdash$ |          | -              | -        |          | 138        |          | $\dagger$ | +           | $\dagger$ | $\top$  | $\dagger$ | $\dagger$ |              | 1 |  |
|  | 39   | Ш                            |             |           |           |                 | 89       |             |                 |            |               |          |          |                |          |          | 139        |          | 1         | $\perp$     | 1         |         | $\perp$   |           |              | I |  |
|  | 40   | $\left  \cdot \cdot \right $ |             | +         | $\dashv$  |                 | 90<br>91 | +           | $\vdash$        | +          |               | $\vdash$ |          | $\dashv$       | -        | $\dashv$ | 140<br>141 | $\dashv$ | +         | +           | +         | +       | +         |           | -            |   |  |
|  | 42   | $\vdash$                     |             | +         | $\dashv$  |                 | 92       | $\dashv$    | $\vdash \vdash$ | +          | <del> -</del> | +        |          | H              | -        |          | 142        | +        | +         | +           | +         | +       | $\dagger$ | +         | $\vdash$     |   |  |
|  | 43   |                              |             | $\exists$ |           |                 | 93       |             |                 | $\perp$    |               |          |          |                |          |          | 143        |          |           |             | 丁         | $\top$  | İ         |           |              | İ |  |
|  | 44   | Н                            |             | _         | $\dashv$  | $\vdash$        | 94<br>95 | +           | -               |            | -             | -        |          | $\square$      | -        |          | 144<br>145 | $\perp$  | +         | +           | +         | +       | +-        |           | $\vdash$     | İ |  |
|  | 45   | $\vdash$                     |             | $\dashv$  | $\dashv$  | $\vdash$        | 96       |             | $\vdash \vdash$ | +          | 1             | $\vdash$ |          | H              | -        |          | 146        | $\dashv$ | +         | +           | +         | +       | +         | +         | $\vdash$     | 1 |  |
|  | 47   |                              |             |           |           |                 | 97       |             |                 | $\perp$    |               |          |          |                | Ĺ        |          | 147        |          | 1         |             | 1         |         | I         |           |              |   |  |
|  | 48<br>49   | $\sqcup$                     |             |           | 4         | $\vdash \vdash$ | 98<br>99 | $\perp$     | $\vdash$        | +          | -             | $\vdash$ |          | $\square$      | -        | _        | 148<br>149 | -        | 4         | +           | +         | +       | +         | 1         | Н            |   |  |
|  | 50   | $\vdash$                     |             | $\dashv$  | $\dashv$  |                 | 100      |             | $\vdash$        | +          | $\vdash$      | $\vdash$ |          | $\vdash$       | -        | $\dashv$ | 150        | $\dashv$ | +         | +           | +         | +       | ╁         | +         | Н            |   |  |
|  |  |                              |             |           |           |                 |          |             |                 | _          |               |          |          |                | -        |          |            |          | _         |             |           |         |           |           |              |   |  |

Application No.

Index of Claims

Applicant(s)